

SRA-01 SSIO-24 PB-24 PB-24SM

SRA-01



- Uses industrial standard or miniature solid state I/O modules
- Sense AC and DC signals
- Switch AC and DC loads
- LEDs indicate status of I/O modules
- Screw terminals accept 12–22 AWG wire

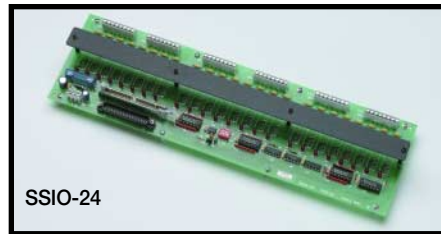
Ordering Information

- SRA-01** 8-Channel Solid State I/O Module Accessory Board
- SSIO-24** Baseboard with fail-safe power-up. Holds 24 miniature-sized SSR modules
- PB-24** Baseboard that holds 24 standard-sized SSR modules
- PB-24SM** Baseboard that holds 24 miniature-sized SSR modules

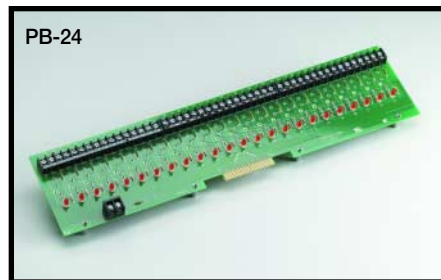
APPLICATIONS

- Energy management
- Product testing
- Laboratory automation

8- and 24-Channel Solid State I/O Module Accessory Boards

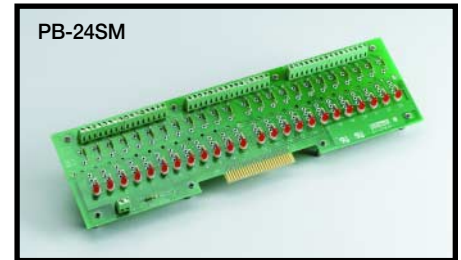


SSIO-24



PB-24

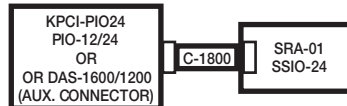
These boards accept industry standard or miniature I/O modules for sensing and controlling AC and DC circuits. The modules are available in four functional types: DC input, DC output, AC input, and AC output.



PB-24SM

	SSIO-24	PB-24	PB-24SM	SRA-01
Number of Solid-State I/O Modules	24	24	24	8
Size	Miniature	Standard	Miniature	Standard
Fail-Safe Power-Up Circuitry	Yes	No	No	No
Compatible with Low Current Digital I/O Boards	Yes	No	No	No

Configuration Guide



ACCESSORIES AVAILABLE (SRA-01)

	Solid State I/O Modules
C1800	SRA-01 to Digital I/O Board Cable (18in)

ACCESSORIES AVAILABLE (SSIO-24)

	Miniature Solid State I/O Modules
RMT-02	Rack-Mountable Enclosure
C1800	SSIO-24 to Digital I/O Board Cable
CACC-2000	SSIO-24 to PIO-96J Cable
MS-SSIO-24	Additional Hardware Manual

ACCESSORIES AVAILABLE (PB-24 or PB-24SM)

	Standard Solid State I/O Modules
CAB-SSR	3 ft. Ribbon Cable

See Solid State I/O Modules on the next page.

SPECIFICATIONS (SRA-01)

HARDWARE

NUMBER OF I/O MODULES: 9 max
 MODULE TYPE: Solid State, standard size
 LOGIC LEVEL TO "TURN ON" MODULE: "1" (high)
 LOGIC LEVEL FROM ACTIVE INPUT MODULE: "0" (low)
 LEDES: 8 red for output modules; 5 yellow for input modules

POWER CONSUMPTION

+5 VOLTS (BOARD ONLY): 39mA typ
 (WITH MODULES): 100mA typ

PHYSICAL

DIMENSIONS (WITH ENCLOSURE): 6.687in L × 5.125in W × 2.375in H (17cm L × 13.0cm W × 6cm H)
 SCREW TERMINAL WIRE SIZES: 12–22 AWG

SPECIFICATIONS (SSIO-24)

NUMBER OF I/O CHANNELS: 24

POWER REQUIREMENTS (+5 volts)

WITHOUT MODULES*: 180mA max, 110mA typ.
 WITH MODULES: 610mA max 270mA typ.

* This is the minimum current drawn from the PC, whether or not an external power supply is connected.

PHYSICAL

DIMENSIONS: 16.0in × 4.75in (40.64cm × 12.07cm).
 WEIGHT: 16oz (454g).

Support for sensing and controlling AC and DC currents

SIGNAL CONDITIONING

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